UNIVERSITY OF MYSORE.

Notification No. 17543, *dated the* 20*th February* 1933.

The courses of studies for the Honours Degree Examinations, published on pages 42-53 and 60-72 of Supplement to Vol. I of the Calendar for 1930-31, are revised as under, the revised scheme taking effect from the First Year Honours class of July 1933.

Revised Courses of Studies for the Honours Degree Examinations.

I. ENGLISH.

Major Subject—	(1) Chaucer and History of English Language	...	8 papers
	(2) History of English Literature	...	
	(3) Shakespeare	...	
	(4) Elizabethan Literature	...	
	(5), (6) and (7) Post-Elizabethan Literature	...	
	(8) Comparative Drama	...	
Minor Subject—	(1) Rhetoric and Principles of Criticism	...	1 paper
	(2) Outlines of English History	...	1 paper
	(3) *One* of the following :—		2 papers
	(i) Kannada Literature	...	Based on prescribed text books.
	(ii) Urdu do	...	
	(iii) Sanskrit do	...	
	(iv) Persian do	...	
	(v) Politics comprising—		
	(a) English Political Thought in a prescribed period.		
	(b) Select text-books with reference to the above period.		

II. KANNADA.

Major Subject—	(1) Jaina Literature	...	1 paper
	(2) Veerasaiva Literature	...	1 paper
	(3) Brahmana Literature	...	1 paper
	(4) Poetics and Prosody	...	1 paper
	(5) Old Kannada Grammar (as in *Sabdamanidarpana*) and History of Language (a general view)	...	1 paper
	(6) History of Literature (a general view) [Text-books to be prescribed under (1), (2) and (3)]	...	1 paper
	(7) and (8) Sanskrit Language and Literature	...	2 papers
Minor Subject—	(1) Tamil or Telugu—two papers		
	(i) Text-books and Grammar		1 paper
	(ii) Translation from Kannada into the Selected Language and *vice versa*		1 paper
	(2) Cultural and Historical Studies—relating to Karnataka—a general knowledge of Social and Political History, Religious History and Archæology (including Architecture, Sculpture, Iconography, Numismatics and Palæography).		2 papers

III. SANSKRIT.

Major Subject—	(1) Prescribed text-books in Poetry and Prose, the selections being fairly representative of the Vedic and Epic Literature.		2 papers
	(2) One of the Darsanas	...	2 papers
	(3) Poetics	...	1 paper
	(4) Grammar and Elements of Comparative Philology		1 paper
	(5) History of Sanskrit Literature and Criticism	...	1 paper
	(6) Translation and Composition	...	2 papers
	Total	...	9 papers
Minor Subject as in the Pass Course—			
	(1) Classical Prose, Selections from the works of Dandi, Bana, Subandhu, etc.		1 paper.
	(2) Classical Poetry, Selections from the works of Kalidasa, Bharavi, Magha, etc.	...	
	(3) One prescribed Drama and Poetics	...	1 paper
	(4) Grammar, including a select portion of Siddhanta Kaumudi.		1 paper
	(5) History of Classical Literature and Criticism with special reference to books prescribed under 1, 2 and 3.		
	Total	...	3 papers

IV. PERSIAN.

Major Subject—	(1) Modern Prose and Poetry	...	1 paper
	(2) Indo-Iranian Philology	...	1 paper
	(3) Political History of Persia	...	1 paper
	(4) Outline of Islamic Philosophy	...	1 paper
	(5) Sufism	...	1 paper
	(6) Elements of Avestan Literature	...	1 paper
	(7) Elements of Arabic Literature	...	1 paper
	(8) Essay on a subject connected with Persian Literature.		1 paper
	Total	. .	8 papers
Minor Subject—	(1) Classical Prose and Poetry	...	1 paper*
	(2) History of Literature and Language	...	1 paper*
	(3) Translation : English into Persian and *vice versa*	...	1 paper*
	(4) Drama and Fiction	...	1 paper

* Common to B.A. (Hon.) Prileminary and B.A. (Pass) Examinations.

V. AVESTAN AND PAHLAVI.

Major Subject—	(1) Pre-Islamic Religion and Philosophy of Iran	...	1 paper
	(2) and (3) Pahlavi Literature: (Text-books: 1 paper Translation: 1 paper)	...	2 papers
	(4) Pazend and early Classical Persian up to Suljukid period	...	1 paper
	(5) and (6) Elements of Vedic Literature (Text-books 1 paper; Translation: 1 paper)	...	2 papers
	(7) Political History of Pre-Islamic period	...	1 paper
	(8) Outline of Greek Philosophy	...	1 paper
Minor Subject—	(1) Prose and Poetry	..	3 papers*
	(2) History of Literature	...	
	(3) Translation	...	
	(4) Grammar	...	1 paper

*Common to B.A. (Hons.) Preliminary and B.A. (Pass) Examinations.

VI. ARABIC.

Major Subject—	(1) Advanced Grammar	..	1 paper
	(2) Comparative Study of Semetic Philology	...	1 paper
	(3) Rhetoric and Prosody	...	1 paper
	(4) Outline of Islamic Philosophy	...	1 paper
	(5) History of Islamic Civilization	...	1 paper
	(6) History of the Development of Islamic Sects	...	1 paper
	(7) Neo-Platonic Philosophy	....	1 paper
	(8) Essay on a subject connected with the Islamic Arts and Architecture	...	1 paper
	Total	...	8 papers
Minor Subject—	(1) Poetry and Prose (Classical)	...	3 papers*
	(2) History of Literature	...	
	(3) Translation	...	
	(4) Modern Prose and Poetry (1850) to the present time)	...	1 paper
	Total	...	4 papers

*Common to B.A. (Hons.) and B.A. (Pass).

VII. HISTORY.

Major Subject.—	(1) Essay.		
	(2) Ancient Europe to about 476 A.D., or Mediæval Europe 476 A.D. to 1500 A.D., or Indian Archæology with special reference to South India.		
	(3) Modern Europe (1500 to 1914)	..	...
	(4) Ancient India to about 1300 A.D.	..	...
	(5) Modern India from about 1300 A.D.	...	... 8 papers
	(6) A Special Subject in History	...	...
	(7) History of Civilization—Eastern	...	...
	(8) Do Western	...	...

Minor Subject.—
Any *two* of—
1. Economics—Two papers (the first two of the Pass Course) ...
2. Politics—Two papers (Comparative Politics and Political Theory) ...
3. Sociology and Anthropology—One paper on each ... } 4 papers
4. Constitutional History—(*a*) Constitutional History of England—one paper, (*b*) Indian Political Institutions (from the earliest times)—one paper.

VIII. ECONOMICS.

Major Subject—(1) Essay ... ...
(2) Economic Principles ... .
(3) Economic Organisation .. ..
(4) Currency and Banking and International Trade ... } 7 papers
(5) Recent Economic History (chiefly of Great Britain and India).
(6) Public Finance ... ...
(7) Statistics .. .. ..

Minor Subject—Any *one* of the following :—
(1) Sociology (2) Politics ... ... Optional
(3) Mathematics (4) History ... ... B. A. Pass group 3 papers
(5) Philosophy I ... ...

IX. PHILOSOPHY.

(*A*) *Metaphysics Branch.*

Major Subject—(1) History of European Philosophy, Ancient and Mediæval ..
(2) History of Modern European Philosophy .. ...
(3) Metaphysics, with special reference to Contemporary Philosophy.
(4) Theory of Knowledge ... ... } 8 papers
(5) History of Indian Philosophy (exclusive of Vedanta) ...
(6) Vedanta (Advaita, Visistadvaita, Dvaita) .. ..
(7) Philosophy of Religion (with special reference to India) ...
(8 Essay ... ...

Minor Subject—1. General Psychology .. ..
2. Ethics .. .. } 4 papers
3. Logic ... ...
4. Plato's Republic ... .

(*B*) *Social Philosophy Branch.*

Major Subject—(1) Ethics ... ...
(2) Political Philosophy ... ...
(3) History of Ethics and History of Political Philosophy ...
(4) Indian Ethics and Indian Political Thought ... ...
(5) Sociology I (Principles of Sociology) ... ... } 8 papers
(6) Sociology II (Indian Social Institutions) ... ...
(7) Philosophy of Religion (with special reference to India) ...
(8) Essay ... ...

Minor Subject—(1) Anthropology ... ...
(2) Comparative Politics ... ...
(3) General Economics [Paper (1) of Economics at the B.A. (Pass)]. } 4 papers
(4) Social Psychology ... ...

(*C*) *Psychology Branch.*

Major Subject—
(1) Systems of Psychology ... ... 1 paper
(2) Abnormal Psychology ... . 1 paper
(3) Experimental Psychology, Theory—I ... ... 1 paper
(4) Do do Theory—II ... ... 1 paper
(5) Do do Practical ... ... 1 paper
(6) and (7) Any *two* of the following :— ...
(*a*) Mental Measurements ... ...
(*b*) Psychology of Industry ... ...
(*c*) Psychology of Religion ... ... } 2 papers
(*d*) Child Psychology ... ...
(*e*) Principles of Sociology ... ...
N.B.—In any one year, only two of these papers will be taken ...
(8) Essay ... ... 1 paper

Minor Subject—(Preliminary Examination).—
1. Scientific Method, Elements of Statistics (applied to Psychology and Education).
2. Elements of Metaphysics ... ... } 4 papers
3. Evolution and Heredity ... ...

X. MATHEMATICS.

Mathematics—I (B. Sc. Hons.).

Major Subject—Seven papers.

(i) Pure Mathematics.

Four papers comprising—

(1) Pure Geometry
(2) Algebra including Theory of Equations
(3) Plane Trigonometry
(4) Co-ordinate Geometry of two and three dimensions
(5) Differential and Integral Calculus including Cauchy's Theorem
(6) Elementary Differential Equations.

(ii) Applied Mathematics.

Two papers comprising—

(1) Statics (excluding Potentials)
(2) Dynamics of a particle and rigid body (in two dimensions only)
(3) Astronomy

(iii) Correlated Studies.

Introduction to Mathematical Physics—One paper

Minor Subject—

Physics—Three papers of the Pass course.

Subsidiary Subject.—2 papers—Any *two* of the subjects under Groups A and B, provided *one* of them at least is from A.

Group A.

Theory of Functions of a Complex Variable
Projective and non-Euclidean Geometry
Differential Equations
Theory of Functions of a real variable
Theory of Groups
Theory of Numbers
Integral Equations and Calculus of Variations
Differential Geometry

Group B.

Astronomy
Electro-Magnetic Theory
Theory of Relativity
Quantum Mechanics (of the atom)
Advanced Dynamics
Hydro-mechanics
Statistical Mechanics
Theory of Elasticity

Mathematics II—(B.A. Honours).

Major Subject.—Seven papers

(i) Pure Mathematics.

Four papers comprising—

(1) Pure Geometry
(2) Algebra including Theory of Equations
(3) Plane Trigonometry
(4) Co-ordinate Geometry of two and three dimensions
(5) Differential and Integral Calculus including Cauchy's Theorem
(6) Elementary Differential Equations

(ii) Applied Mathematics.

Two papers comprising—

(1) General Statistics
(2) Probablility and Finite Differences.

(iii) Correlated Studies.

Mathematical Economics.—One paper

Minor Subject.—Three papers

Economics—three papers of the Pass course

Subsidiary Subject.—Two papers comprising *either* Actuarial Science (two papers)

or

Any *two* of the following with one paper each :—

Theory of Functions of a Complex Variable
Projective and non-Euclidean Geometry
Differential Equation.
Theory of Functions of a Real Variable.
Theory of Groups.
Theory of Numbers.
Integral Equation and Calculus of Variations.
Differential Geometry
Bio-metrics, mental and social measurements

XI. PHYSICS—B.Sc. (HONS.).

Major Subject—1. Properties of Matter and Sound.
2. Heat and Thermo-Dynamics.
3. Light.
4. Electricity and Magnetism.
5. Mathematical Physics.
6. Practical (i).
7. Practical (ii).

Minor Subject—Mathematics as in the B.Sc. Pass course.

Subsidiary Subject—

Chemistry according to the following syllabus :—

Metals.—Common metals and their important compounds. Radio-active elements. Tuntsen : Metals of the platinum group.

Physical Chemistry.—Vapour pressure and boiling point. Manipulation of gases. Solubility. Osmotic pressure. Theory of electrolytic dissociation. Electromotive force in cells. Velocity of chemical reactions. Catalysis. Colloids. Absorption. Photo-chemical reactions.

Organic Chemistry.—Purification of organic compounds by distillation and re-crystallization. Application of tests for the purity of common organic compounds. Characteristic organic compounds. Characteristic organic compounds having hydroxyl, amino, cyanogen, chlorobrom, iodo, carboxylosulphonic, nitro and azo radicles, Detection of the above radicles.

Laboratory Course.—Qualitative analysis including analysis of mixture of inorganic substances.

Volumetric analysis. The estimation of alkalies, alkali carbonates, and acids by neutralisations. Determination involving the use of the permanganate, dichormate, iodine and thio-sulphate processes. Estimation of chlorides.

Gravimetric determination of iron, aluminium, silica and sulphuric acid. Purification of inorganic and organic compounds. Tests for common radicles found in organic substances. Tests for the purity of common inorganic and organic compounds.

The examination in this subject will consist of one paper (written) on General Chemistry with a little Organic Chemistry, dealing with chemical materials and processes most commonly used in physical investigations, and in addition, one Practical Examination in simple qualitative and quantitative analysis.

XII. CHEMISTRY—B.Sc. (HONS.).

Major Subject—

The course of study shall consist of a comprehensive treatment of the four main divisions of the subject—

(1) Historical and Theoretical Chemistry.
(2) Inorganic Chemistry.
(3) Physical Chemistry.
(4) Chemistry of carbon compounds.

The laboratory course shall include qualitative analysis of minerals and mixtures of inorganic substances; volumetric and gravimetric analysis; the determination of carbon, hydrogen, nitrogen and chlorine; inorganic compounds; inorganic preparations; and the more important physico-chemical measurements.

Besides the above, the course will include a special paper on branches of Mathematics specially useful to students of Chemistry according to the following syllabus :—

(1) Methods of differentiation and integration.
(2) Successive differentiation. Maxima and Minima.
(3) Partial differentiation. Exact differential.
(4) Simple differential equations that occur in Physical Chemistry.
(5) Probability and the elements of Statistical methods as applied to problems in Physical Chemistry. Kinetic Theory. Elements of the Quantum Theory of Radiation.

In treating the subject, emphasis is to be laid on the application of the mathematical process to actual problems arising in Chemistry and Physics.

Minor Subject—

Physics as in the Pass course.

Subsidiary Subject.—One of the following—2 papers.

(1) Plant Chemistry.

The first paper in Plant Chemistry shall be identical with the paper on correlated study for the B.Sc. (Honours) (Botany major, Chemistry minor).

(2) Colloid and Capillary Chemistry.

XIII. Geology
XIV. Zoology
XV. Botany
} As in Supplement to Calendar, Vol. I of 1930-31 (pages 62 to 69.)

(*G. O. No. E.* 2613—*Uni.* 91-32-6, *dated 4th February* 1933.)

Notification No. 18989 *dated* 14*th March* 1933.

The time-tables for the First and Third Examinations for the L. M. P. Diploma of March 1933—Practical and *viva voce* Examinations—published on pages 1517 and 1518, Part III—2, of the *Mysore Gazette*, dated the 27th October 1932, are revised as follows :—

Dates	Hours	Subjects
	First Examination for the L. M. P. Diploma.	
Friday, 31st March 1933 ...	9 A.M. to 12 noon ...	Physics—I Batch
	2 P.M. to 5 P.M. ...	Physics—II Batch
Saturday, 1st April do ...	9 A.M. to 12 noon ..	Physics—III Batch
Monday, 3rd do do ...	9 A.M. to 12 noon ...	Chemistry—I Batch
	Do ...	Biology—III Batch
	2 P. M. to 5 P.M. ...	Chemistry—II Batch
	Do ...	Biology—I Batch
Tuesday, 4th do do ...	9 A.M. 12 noon ...	Chemistry—III Batch
	Do ...	Biology—II Batch
	Third Examination for the L. M. P. Diploma.	
Thursday, 30th March 1933 ...	9 A.M. 12 noon ...	Pathology—I Batch
	2 P.M. to 5 P.M. ...	Pathology—II Batch
	Friday, 31*st March* 1933—*Holiday.*	
Saturday, 1st April do ...	9 A.M. to 12 noon ...	Materia Medica—I Batch
	2 P.M. to 5 P.M. ...	Materia Medica—II Batch
Monday, 3rd do do ...	9 A.M. to 12 noon ...	Hygiene—I Batch
	2 P.M. to 5 P.M. ..	Hygiene—II Batch

By Order,
V. GOPALASWAMI AIENGAR,
Registrar.

OFFICE OF THE CHIEF SUPERINTENDENT, MYSORE LOCAL EXAMINATIONS, FORT CENTRE, GOVERNMENT FORT HIGH SCHOOL BUILDING, BANGALORE CITY.

Notification No L. E. 282-7, *dated* 13*th March* 1933.

1. Seating arrangements will be made for the ensuing S.S.L.C. and Kannada L.S.T.C. Examinations for the candidates taking up Fort Centre, Bangalore, in the following buildings:—

1 Government Fort High School Building.
2 National High School Building.

Seats for the candidates coming from the Fort High School, and the S.L.N. High School, will be provided for in the National High School Building, and for the other candidates inclusive of Kannada L.S.T.C. candidates will be provided for in the Fort High School Building.

II. Further, it is hereby notified for the information of all candidates sitting for Public Examinations at the Fort Centre, Bangalore, that arrangements have been made for the safety of bicycles during the period of Public Examinations commencing on the 22nd instant.

No bicycle will be allowed to be brought into the Examination room or building. A charge of half-anna per cycle per day will be made by the contractor and it has to be paid to him in advance.

G. SRIDHARAMURTI,
Chief Superintendent.